

**To:** Rinehart, Jon[rinehart.jon@epa.gov]  
**Cc:** Foster, Althea[Foster.Althea@epa.gov]; Knabel, Jessica[Knabel.Jessica@epa.gov]  
**From:** Loesel, Matthew  
**Sent:** Tue 8/11/2015 3:55:45 PM  
**Subject:** FW: GKM - Irrigation

Jon, we are receiving this info from Mark, we just want to ground truth it before we put it in bullets to RA at 1300. Let me know your thoughts.

You can call me at

Personal Phone/Ex. 6

Matt Loesel

US EPA Region 6

RCRA Data and Training Coordinator

214-665-8544

**From:** McCasland, Mark  
**Sent:** Tuesday, August 11, 2015 10:32 AM  
**To:** Atkins, Blake; Brown, Jamesr; Crossland, Ronnie; Foster, Althea; Garcia, David; Restivo, Angela; Webster, Susan  
**Subject:** GKM - Irrigation

Our limiting factor is the number of available trucks. We will only have 13 by the end of the week. I think there is about 10 now. The county is requesting water hauler trucks to start rolling. The county is setting up /arranging loading points and logistics for staging and scheduling the trucks. The contractor is handling what trucks they can get (10 to 13) as well as looking at clean frac tanks to provide to farmers to offload the water.

The urgent request is for the trucks.

Mark McCasland  
US EPA Region 6  
Drinking Water Section (6WQ-SD)  
1445 Ross Ave, Suite 1200  
Dallas, TX 75202-2733  
(214) 665-8088 (w)

[mccasland.mark@epa.gov](mailto:mccasland.mark@epa.gov)

Each water hauler is estimated to be able to carry 5000 gallons. The extension service rep (Bonnie Hopkins), Jon Rinehart and I discussed needing 1 truck per acre which provides about a quarter inch of water. 2 trucks would provide ½" of water per acre. It takes about 20 minutes to fill a truck, then transit time to the farmer, offloading of water.

The issues is the delivery mechanism to the acreage which is flooding from the ditch (gravity flow).

There is the possibility of using CLEAN frac tanks or other tanks to offload the water at each farmer's location to facilitate turn around time between truck loads.

Jon is working with a contractor to have the irrigation ditches cleaned of standing water and some contamination from leakage around the ditch gates. Bonnie wants to make sure the ditches are ready when the river reopens.

Cost estimates are \$70 per hour for each truck plus cost of water, tanks, etc.

We are actually meeting with the ditch managers at 9:30 MDT to discuss extent of ditch

contamination, More to come.

FYI, There are HUNDREDS (possibly thousands) of acres of crops. Bonnie will start compiling information from the farmers as the requests come in. We have about 500 acres (about 50 farmers) she knows about so far.

Thanks,

Mark McCasland  
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